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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/798,891	03/12/2004	Russell Smith	8618-USA	4903
31743	7590	06/15/2007	EXAMINER	
PATENT GROUP GA030-43			DAVIS, JENNA L	
GEORGIA-PACIFIC LLC			ART UNIT	PAPER NUMBER
133 PEACHTREE STREET, N.E.			1771	
ATLANTA, GA 30303-1847				
MAIL DATE		DELIVERY MODE		
06/15/2007		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	10/798,891	SMITH ET AL.
	<b>Examiner</b>	<b>Art Unit</b>
	Jenna Davis	1771

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 12 March 2007.
- 2a) This action is **FINAL**.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-5 and 7-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-5 and 7-20 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \* c) None of:
1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                     | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____.                                     |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____.   | 6) <input type="checkbox"/> Other: _____.                         |

## **DETAILED ACTION**

### ***Response to Amendment***

The amendment filed March 12, 2007, has been entered. Claim 7 has been amended and is sufficient to overcome the objections set forth in the last Office action.

### ***Claim Rejections 35 USC 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains.

Claims 1-5, 7-15, 18 and 19 are rejected under 35 USC 103(a) as being obvious over Randall (US 2002/0455282) in view of Ali (US 4647486) substantially as set forth in the May 2, 2006, Office action.

Claims 16 and 20 are rejected under 35 USC 103(a) as being obvious over Randall (US 2002/0455282) in view of Ali (US 4647486) and further in view of Babcock (US 4746365) substantially as set forth in the May 2, 2006, Office action.

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Claim 17 is rejected under 35 USC 103(a) as being obvious over Randall (US 2002/0455282) in view of Ali (US 4647486) and further in view of Babcock (US 4746365) and Miyakoshi (US 5827788) substantially as set forth in the May 2, 2006, Office action.

Claims 1-5 and 7-20 are provisionally rejected on the ground of nonstatutory double patenting over claims 1, 3-16, and 18-23 of copending application 10/417,344 in view of Ali as set forth in the 5/2/2006 Office action.

Claims 1-5 and 7-20 are rejected on the ground of nonstatutory obviousness type double patenting over claims 1-20 of US 6808793 in view of Ali as set forth in the 5/2/2006 Office action.

*Response to Arguments*

Applicant's arguments presented March 12, 2007, have been considered but are not deemed to be persuasive.

The arguments that the Office has failed to present evidence that the claimed invention is distinguished from the prior art because the cited prior art is silent to the properties set forth in the present claims are not persuasive as no evidence has been to show that the claimed invention is unobvious from the prior art. As set forth in the 12/13/2006 Office action at pages 4-5 a reasonable basis for this position has been provided.

The arguments regarding Mr. Randall's declaration and the silence of his previous work as to the properties disclosed are not found persuasive as the lack of measuring properties and the subsequent measuring of such properties does not rise to the level of patentability.

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The Ali reference is clearly directed to the same field of endeavor as the Randall reference and as such would have been considered by the skilled artisan in producing gypsum boards. Arguments to the contrary are unpersuasive.

The arguments regarding the double patenting rejections are unpersuasive as the claims in the pending application and the Randall application and patent clearly cover at least some products and are unpatentable since patent law requires only one patent per invention.

***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jenna Davis whose telephone number is 571-272-3357. The examiner can normally be reached on M-F 9:00-5:30.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Terrel Morris can be reached on 571-272-1478. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Jenna Davis  
Primary Examiner  
Art Unit 1771

jld